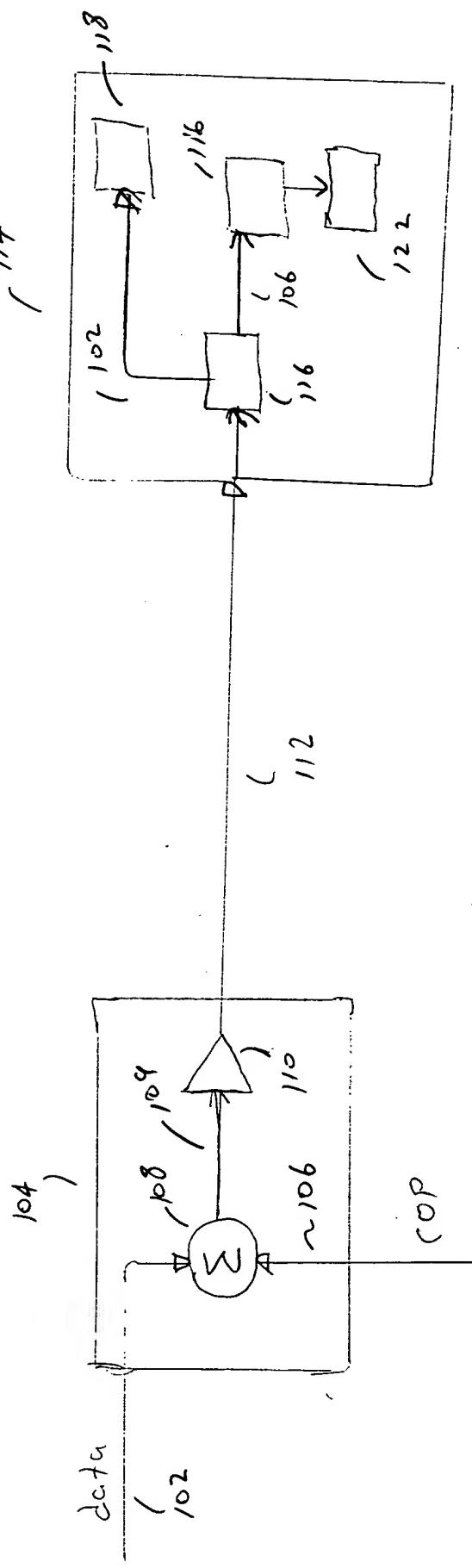
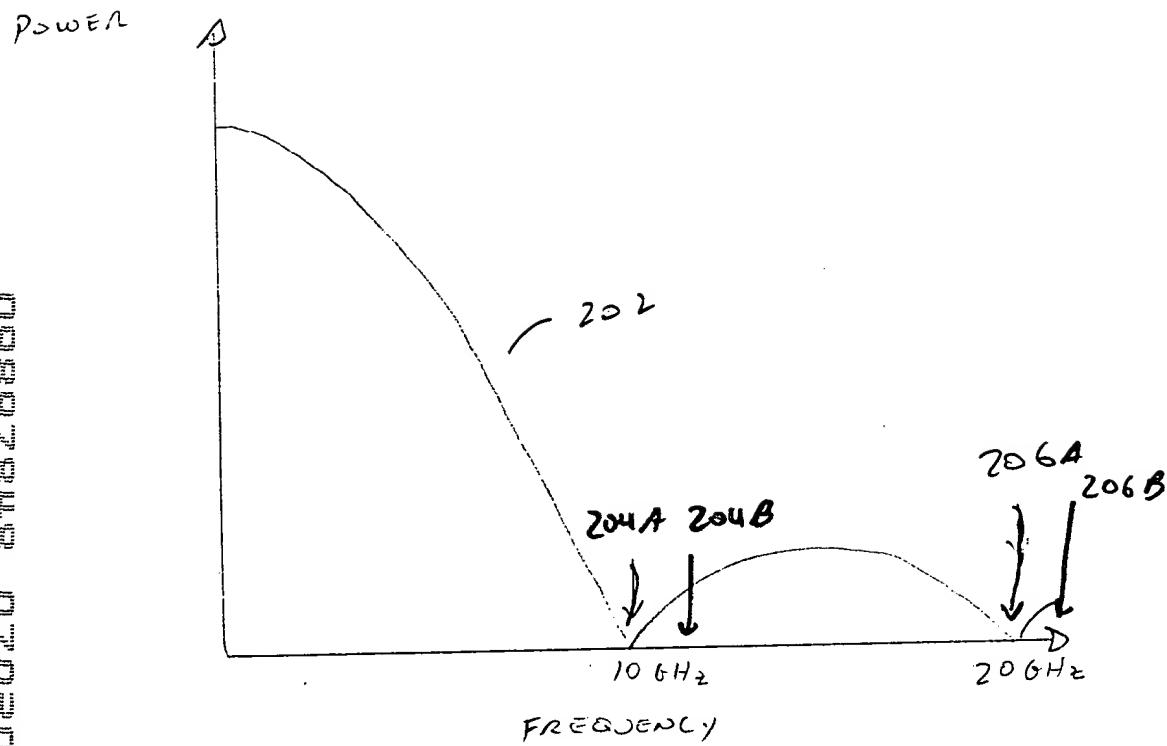


100



20°

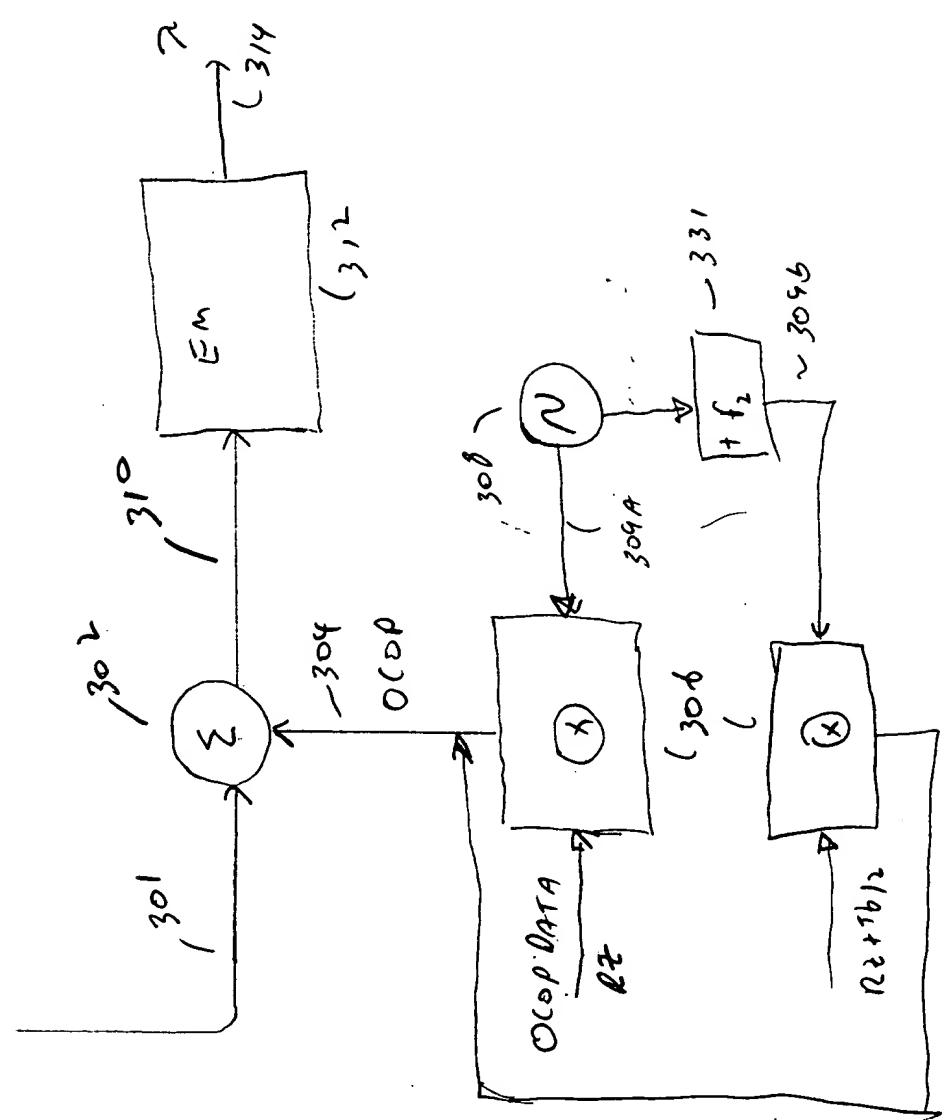
FIG 2



ੴ ਸਤਿਗੁਰ ਪ੍ਰਸਾਦਿ

116. 34

302



38

302

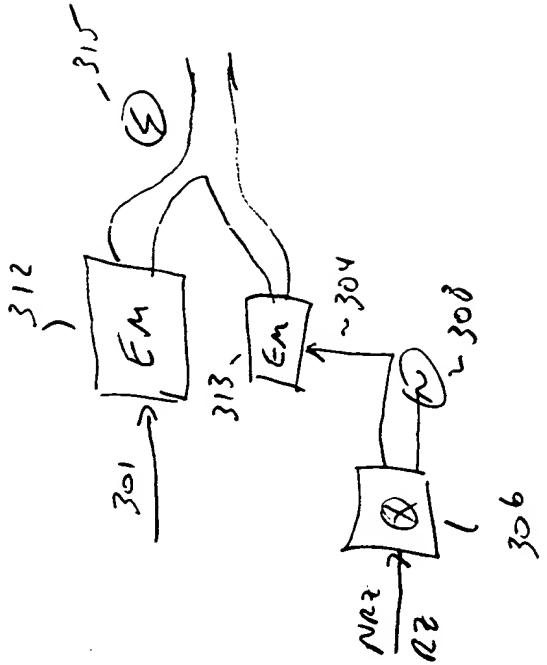


FIG. 4 400

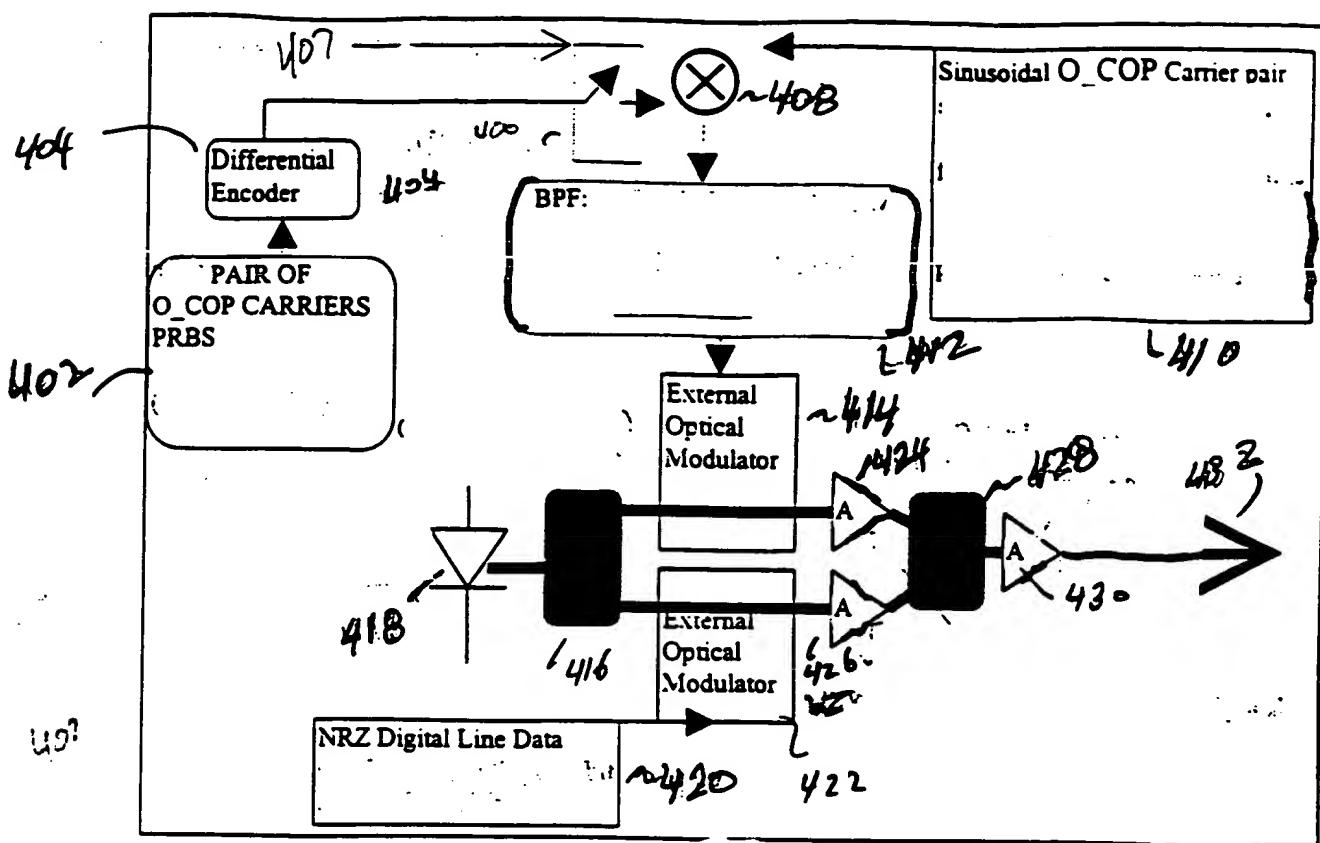
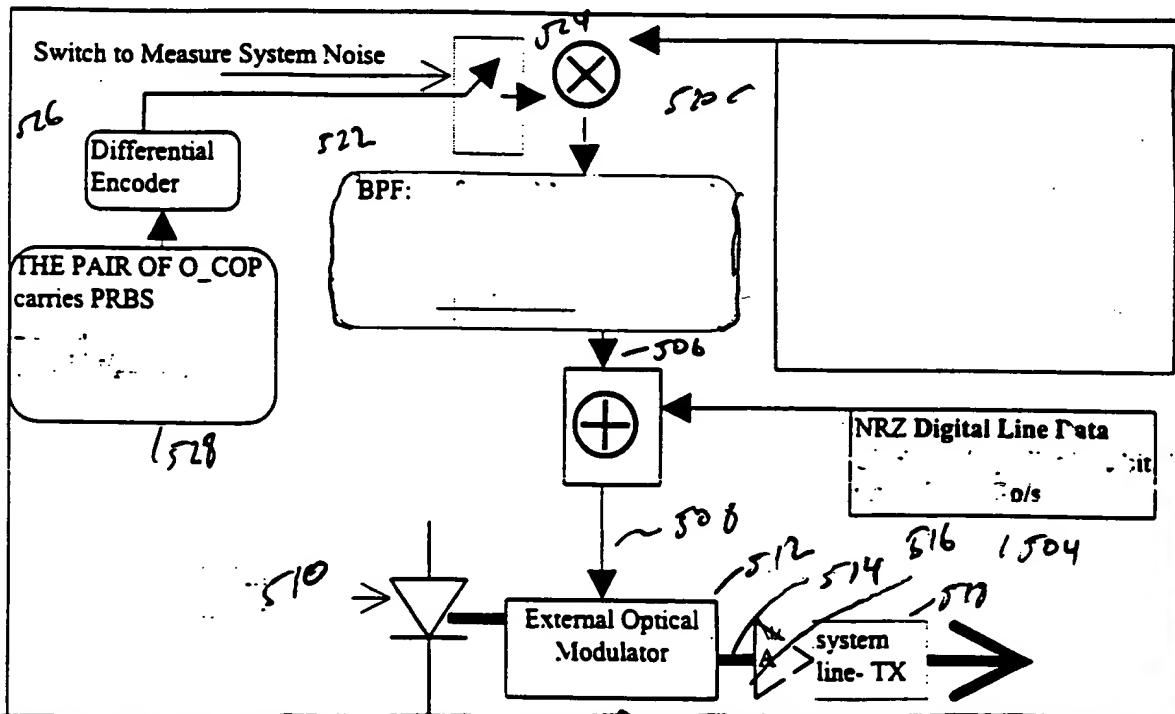
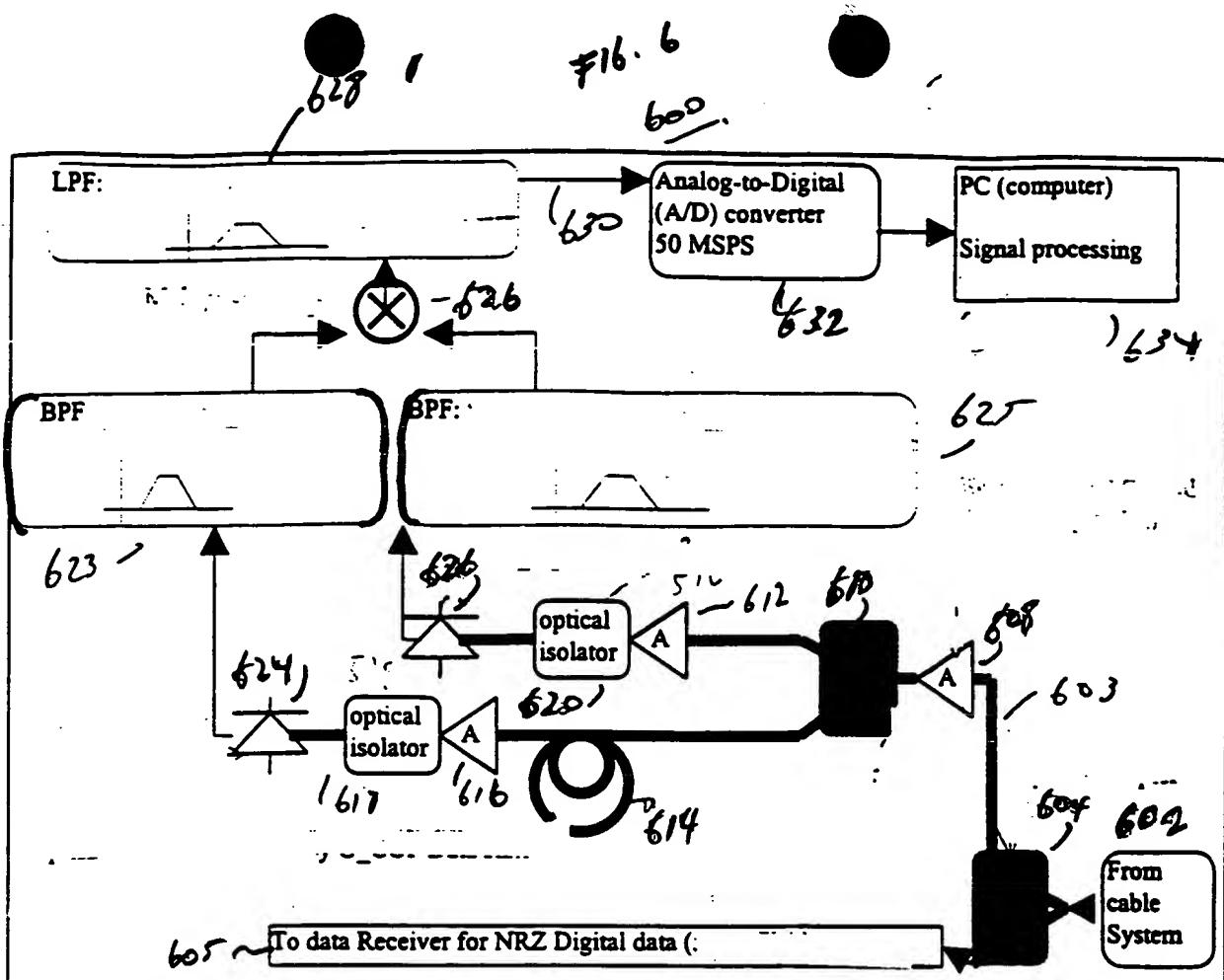
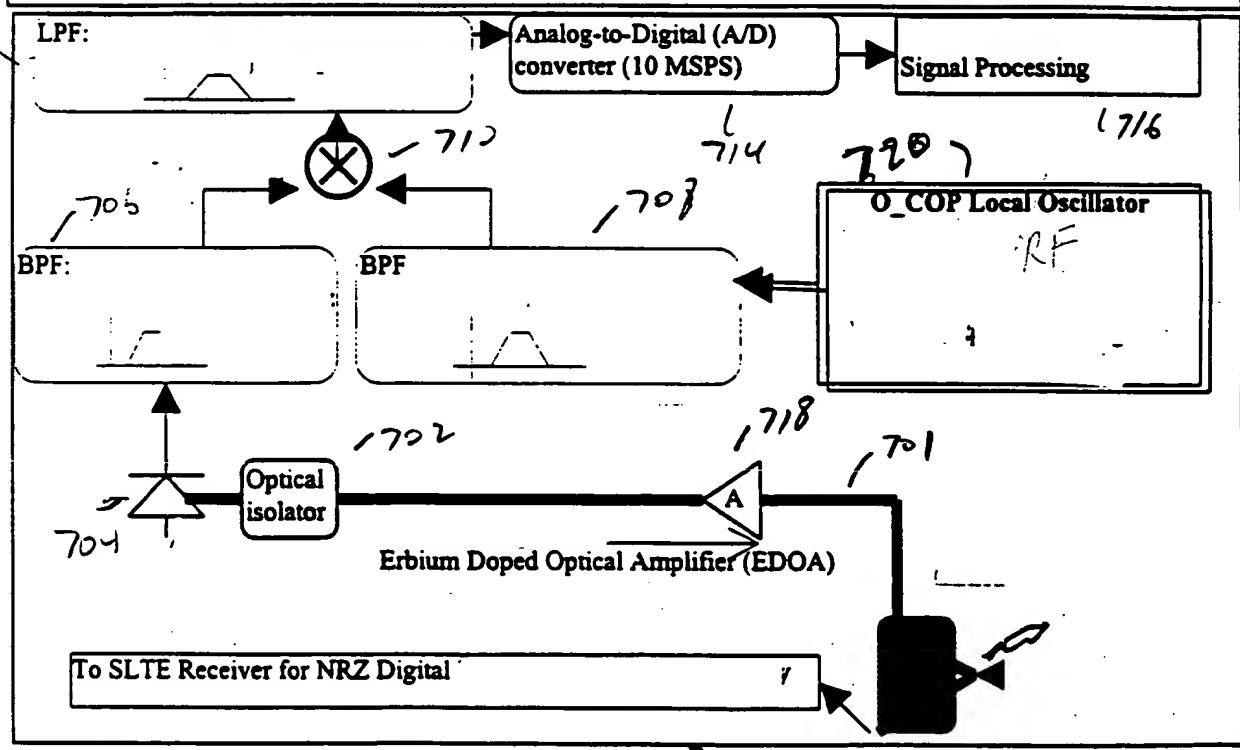


FIG. 5





Figure



Figure

FIGURE 8

800

Initialize Input Parameters:

s1: minimum distance between repeaters
 s2: maximum distance between adjacent end-to-end OCOP locations
 ω : OCOP clock rate
 δ : optical delay

810

Compute bits per packet:
 b

820

Compute packet spread:
 $p = b / (\omega\delta)$

830

Compute # of packets:
 $n = (2*s2) / p$

840

Compute inter-packet
 transmission time:
 $T_{next} = n * (b / \omega)$

850

Start timer:
 $T_{elapsed} = 0$

860

Measure noise and store in
 array NOISE

865

Is $T_{elapsed}$
 > T_{next} ?

870

yes

Start timer:
 $T_{elapsed} = 0$

875

Measure repeated data and
 store in array Z

880

END

890

Is $T_{elapsed}$
 > T_{next} ?

no

885

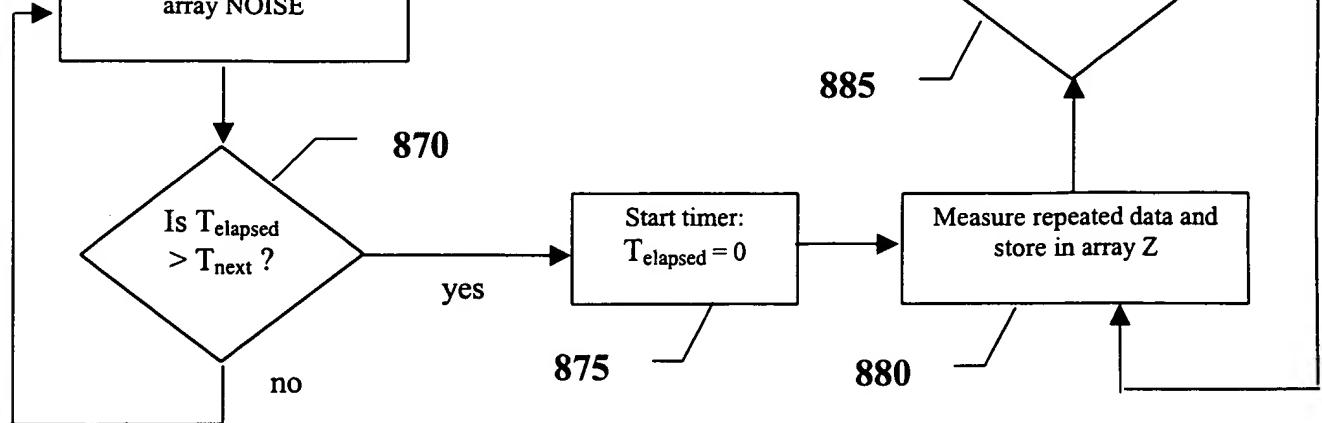


FIGURE 9:

